Major/Program	Chemistry
College	Science and Mathematics
Department	Physical Science
Contact	Dr. Jennifer Yates, Interim Dean
2024-2025	

Lander University 4-Year Major Guide

	•		•			TOTALO
First	Semester			ond Semester		TOTALS
	Notes	Hours 4	Course BIOL 112	Notes	Hours 4	
	Core Academic Skills (General	4			4	
	Education)	3	CHEM 112		4	
	Humanities and Fine Arts (General Education)	3	CHEM 197		1	
	Core Academic Skills (General					
	Education)	3	CHEM 198	Oran Aradamia Okilla (Oranana)	1	
	(General Education)	1	ENGL 102	Core Academic Skills (General Education)	3	
			MATH 211	Scientific and Mathematics (General Education)	3	
			WATTZTT	(General Education)	3	Yearly Total
	Subtotal	14		Subtotal	16	→ <u>30</u>
First	Semester		Sec	ond Semester		
	Notes	Hours	Course	Notes	Hours	
		4 5	CHEM 199 CHEM 222		1 4	
	Behavioral and Social				-	
	(General Education)	3	CHEM 331		4	
5 101R	Founding Dcuments (General Education)	3	General Education	Humanities and Fine Arts (General Education)	3	
	Eddoulony	0		Behavioral and Social	J	
			General Education	(General Education)	3	
						Veerly Tetel
	Subtotal	15		Subtotal	15	Yearly Total
	Subtotal	15		Subtotal	15	Yearly Total → 30
First	Subtotal		Sec	ond Semester	-	
First	Semester Notes	15 Hours	Sec	ond Semester	15 Hours	
First	Semester			ond Semester	-	
First	Semester Notes World Cultures (General	Hours 3 4	Course CHEM 260 or above Elective	ond Semester Notes	Hours 3 3	
First	Semester Notes World Cultures (General Education) see list below see list below	Hours 3	Course CHEM 260 or above	ond Semester Notes	Hours 3	
First	Semester Notes World Cultures (General Education) see list below see list below Scientific and Mathematics	Hours 3 4 3	Course CHEM 260 or above Elective Elective	ond Semester Notes except for CHEM 381	Hours 3 3 3	
First	Semester Notes World Cultures (General Education) see list below see list below	Hours 3 4	Course CHEM 260 or above Elective	ond Semester Notes	Hours 3 3	
First	Semester Notes World Cultures (General Education) see list below see list below Scientific and Mathematics	Hours 3 4 3	Course CHEM 260 or above Elective Elective Major Elective	ond Semester Notes except for CHEM 381	Hours 3 3 3	
First	Semester Notes World Cultures (General Education) see list below see list below Scientific and Mathematics (General Education)	Hours 3 4 3 4	Course CHEM 260 or above Elective Elective Major Elective PHYS 202 or	ond Semester Notes except for CHEM 381 see list below	Hours 3 3 3 3 4	→ 30 Yearly Total
First	Semester Notes World Cultures (General Education) see list below see list below Scientific and Mathematics	Hours 3 4 3	Course CHEM 260 or above Elective Elective Major Elective PHYS 202 or	ond Semester Notes except for CHEM 381	Hours 3 3 3 3	
	Semester Notes World Cultures (General Education) see list below see list below Scientific and Mathematics (General Education)	Hours 3 4 3 4	Course CHEM 260 or above Elective Elective Major Elective PHYS 202 or PHYS 212	ond Semester Notes except for CHEM 381 see list below Subtotal	Hours 3 3 3 3 4	→ 30 Yearly Total
	Semester Notes World Cultures (General Education) see list below scientific and Mathematics (General Education) Subtotal Semester	Hours 3 4 3 4 14	Course CHEM 260 or above Elective Elective Major Elective PHYS 202 or PHYS 212 Sec	ond Semester Notes except for CHEM 381 see list below Subtotal ond Semester	Hours 3 3 3 3 4 16	→ 30 Yearly Total
	Semester Notes World Cultures (General Education) see list below see list below Scientific and Mathematics (General Education)	Hours 3 4 3 4 1 4 14 Hours 4	Course CHEM 260 or above Elective Major Elective PHYS 202 or PHYS 212 Sec Course CHEM 402	ond Semester Notes except for CHEM 381 see list below Subtotal	Hours 3 3 3 3 4 16 Hours 4	→ 30 Yearly Total
	Semester Notes World Cultures (General Education) see list below Scientific and Mathematics (General Education) Subtotal Semester Notes except for CHEM 381	Hours 3 4 3 4 1 4 14 14 Hours 4 3	Course CHEM 260 or above Elective Major Elective PHYS 202 or PHYS 212 Sec Course CHEM 402 CHEM 341	ond Semester Notes except for CHEM 381 see list below Subtotal ond Semester	Hours 3 3 3 4 16 Hours 4 4	→ 30 Yearly Total
First	Semester Notes World Cultures (General Education) see list below see list below Scientific and Mathematics (General Education) Subtotal Semester Notes	Hours 3 4 3 4 4 14 14 Hours 4 3 3	Course CHEM 260 or above Elective Major Elective PHYS 202 or PHYS 212 Sec Course CHEM 402 CHEM 341 Elective	ond Semester Notes except for CHEM 381 see list below Subtotal ond Semester	Hours 3 3 3 3 4 16 Hours 4 4 3	→ 30 Yearly Total
First	Semester Notes World Cultures (General Education) see list below Scientific and Mathematics (General Education) Subtotal Semester Notes except for CHEM 381	Hours 3 4 3 4 1 4 14 14 Hours 4 3	Course CHEM 260 or above Elective Major Elective PHYS 202 or PHYS 212 Sec Course CHEM 402 CHEM 341	ond Semester Notes except for CHEM 381 see list below Subtotal ond Semester	Hours 3 3 3 4 16 Hours 4 4	→ 30 Yearly Total
	Semester Notes World Cultures (General Education) see list below Scientific and Mathematics (General Education) Subtotal Semester Notes except for CHEM 381	Hours 3 4 3 4 14 Hours 4 3 3 3	Course CHEM 260 or above Elective Major Elective PHYS 202 or PHYS 212 Sec Course CHEM 402 CHEM 341 Elective	ond Semester Notes except for CHEM 381 see list below Subtotal ond Semester	Hours 3 3 3 3 4 16 Hours 4 4 3	→ 30 Yearly Total

Major Electives: Choose three of the following: ASTR 101 or higher; BIOL 111 or higher; CHEM 260 or higher; CIS 130 or higher; ES 111 or higher; GEOL 111 or higher; MATH 141 or higher; PHYS 203; PHYS 314; PSCI 451.

Course CHEM 111

ENGL 101

Course

Course

Course CHEM 401 CHEM 260 or above CHEM 260 or above

Elective Elective

CHEM 221 CHEM 330

General Education HIST 111R,

General Education Major Elective Major Elective PHYS 201 or PHYS 211

HIST 112R, or POLS 101R

General Education MATH 123 or MATH 141 LINK 101

Second Year

Third Year

Fourth Year